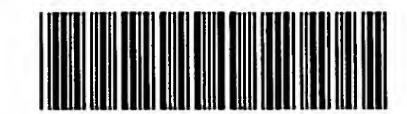# RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _____10/556, 711_____

Source: _____PCT_____

Date Processed by STIC: _____11/25/2005_____

ENTERED

RAW SEQUENCE LISTING   DATE: 11/25/2005
PATENT APPLICATION: **US/10/556,711**   TIME: 12:11:37

Input Set : **A:\303044 Sequence Listing.txt**
Output Set: **N:\CRF4\11252005\J556711.raw**

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   3 <110> APPLICANT: Kanazawa, Ichiro
   4         Liu, Wanzhao
   5         Wang, Yu-Lai
   6         Wada, Keiji
   7         Goto, Jun
   8         Murata, Miho
  10 <120> TITLE OF INVENTION: Inhibition of the Expression of Huntingtin Gene (As amended)
  12 <130> FILE REFERENCE: 051099/303044
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/556,711
C--> 15 <141> CURRENT FILING DATE: 2005-11-10
  17 <160> NUMBER OF SEQ ID NOS: 10
  19 <170> SOFTWARE: PatentIn version 3.1
  21 <210> SEQ ID NO: 1
  22 <211> LENGTH: 584
  23 <212> TYPE: DNA
  24 <213> ORGANISM: Homo sapiens
  26 <400> SEQUENCE: 1
  27 ttgctgtgtg aggcagaacc tgcggggca ggggcgggct ggttccctgg ccagccattg      60
  29 gcagagtccg caggctaggg ctgtcaatca tgctggccgg cgtggccccg cctccgccgg     120
  31 cgcggccccg cctccgccgg cgcacgtctg ggacgcaagg cgccgtgggg gctgccggga     180
  33 cgggtccaag atggacggcc gctcaggttc tgcttttacc tgcggcccag agccccattc     240
  35 attgccccgg tgctgagcgg cgccgcgagt cggcccgagg cctccgggga ctgccgtgcc     300
  37 gggcgggaga ccgccatggc gaccctggaa aagctgatga aggccttcga gtccctcaag     360
  39 tccttccagc agcagcagca gcagcagcag cagcagcagc agcagcagca gcagcagcag     420
  41 cagcagcagc aacagccgcc accgccgccg ccgccgccgc cgcctcctca gcttcctcag     480
  43 ccgccgccgc aggcacagcc gctgctgcct cagccgcagc cgcccccgcc gccgcccccg     540
  45 ccgccacccg gcccggctgt ggctgaggag ccgctgcacc gacc                      584
  48 <210> SEQ ID NO: 2
  49 <211> LENGTH: 89
  50 <212> TYPE: PRT
  51 <213> ORGANISM: Homo sapiens
  53 <400> SEQUENCE: 2
  55 Met Ala Thr Leu Glu Lys Leu Met Lys Ala Phe Glu Ser Leu Lys Ser
  56 1               5                   10                  15
  59 Phe Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
  60               20                  25                  30
  63 Gln Gln Gln Gln Gln Gln Gln Gln Pro Pro Pro Pro Pro Pro Pro Pro
  64               35                  40                  45
  67 Pro Pro Pro Gln Leu Pro Gln Pro Pro Pro Gln Ala Gln Pro Leu Leu
  68         50                  55                  60
  71 Pro Gln Pro Gln Pro Pro Pro Pro Pro Pro Pro Pro Pro Gly Pro
  72 65                  70                  75                  80
  75 Ala Val Ala Glu Glu Pro Leu His Arg
```

RAW SEQUENCE LISTING   DATE: 11/25/2005
PATENT APPLICATION: **US/10/556,711**   TIME: 12:11:37

Input Set : **A:\303044 Sequence Listing.txt**
Output Set: **N:\CRF4\11252005\J556711.raw**

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79 <210> SEQ ID NO: 3
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81 <212> TYPE: RNA
82 <213> ORGANISM: Artificial
84 <220> FEATURE:
85 <223> OTHER INFORMATION: siRNA-HD Exon1 sense RNA
87 <400> SEQUENCE: 3
88 gccuucgagu cccucaaguc c                              21
91 <210> SEQ ID NO: 4
92 <211> LENGTH: 21
93 <212> TYPE: RNA
94 <213> ORGANISM: Artificial
96 <220> FEATURE:
97 <223> OTHER INFORMATION: siRNA-HD Exon1 antisense RNA
99 <400> SEQUENCE: 4
100 uccggaagcu cagggaguuc a                             21
103 <210> SEQ ID NO: 5
104 <211> LENGTH: 21
105 <212> TYPE: RNA
106 <213> ORGANISM: Artificial
108 <220> FEATURE:
109 <223> OTHER INFORMATION: siRNA-5' UTR sense RNA
111 <400> SEQUENCE: 5
112 gauggacggc cgcucagguu u                             21
115 <210> SEQ ID NO: 6
116 <211> LENGTH: 21
117 <212> TYPE: RNA
118 <213> ORGANISM: Artificial
120 <220> FEATURE:
121 <223> OTHER INFORMATION: siRNA-5' UTR antisense RNA
123 <400> SEQUENCE: 6
124 uucuaccugc cggcgagucc a                             21
127 <210> SEQ ID NO: 7
128 <211> LENGTH: 21
129 <212> TYPE: RNA
130 <213> ORGANISM: Artificial
132 <220> FEATURE:
133 <223> OTHER INFORMATION: siRNA-CAG sense RNA
135 <400> SEQUENCE: 7
136 gcagcagcag cagcagcagc a                             21
139 <210> SEQ ID NO: 8
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141 <212> TYPE: RNA
142 <213> ORGANISM: Artificial
144 <220> FEATURE:
145 <223> OTHER INFORMATION: siRNA-CAG antisense RNA
147 <400> SEQUENCE: 8
148 gucgucgucg ucgucgucgu c                             21
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RAW SEQUENCE LISTING   DATE: 11/25/2005
PATENT APPLICATION: US/10/556,711   TIME: 12:11:37

Input Set : A:\303044 Sequence Listing.txt
Output Set: N:\CRF4\11252005\J556711.raw

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152 <211> LENGTH: 20
153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial
156 <220> FEATURE:
157 <223> OTHER INFORMATION: forward primer
159 <400> SEQUENCE: 9
160 cgccgcctcc tcagcttcct                                    20
163 <210> SEQ ID NO: 10
164 <211> LENGTH: 21
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial
168 <220> FEATURE:
169 <223> OTHER INFORMATION: reverse primer
171 <400> SEQUENCE: 10
172 gcggtggtgg cggcggcggc t                                  21
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 11/25/2005
PATENT APPLICATION: US/10/556,711   TIME: 12:11:38

Input Set : **A:\303044 Sequence Listing.txt**
Output Set: **N:\CRF4\11252005\J556711.raw**

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4,5,6,7,8,9,10

VERIFICATION SUMMARY DATE: 11/25/2005
PATENT APPLICATION: US/10/556,711 TIME: 12:11:38

Input Set : A:\303044 Sequence Listing.txt
Output Set: N:\CRF4\11252005\J556711.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application Number
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date